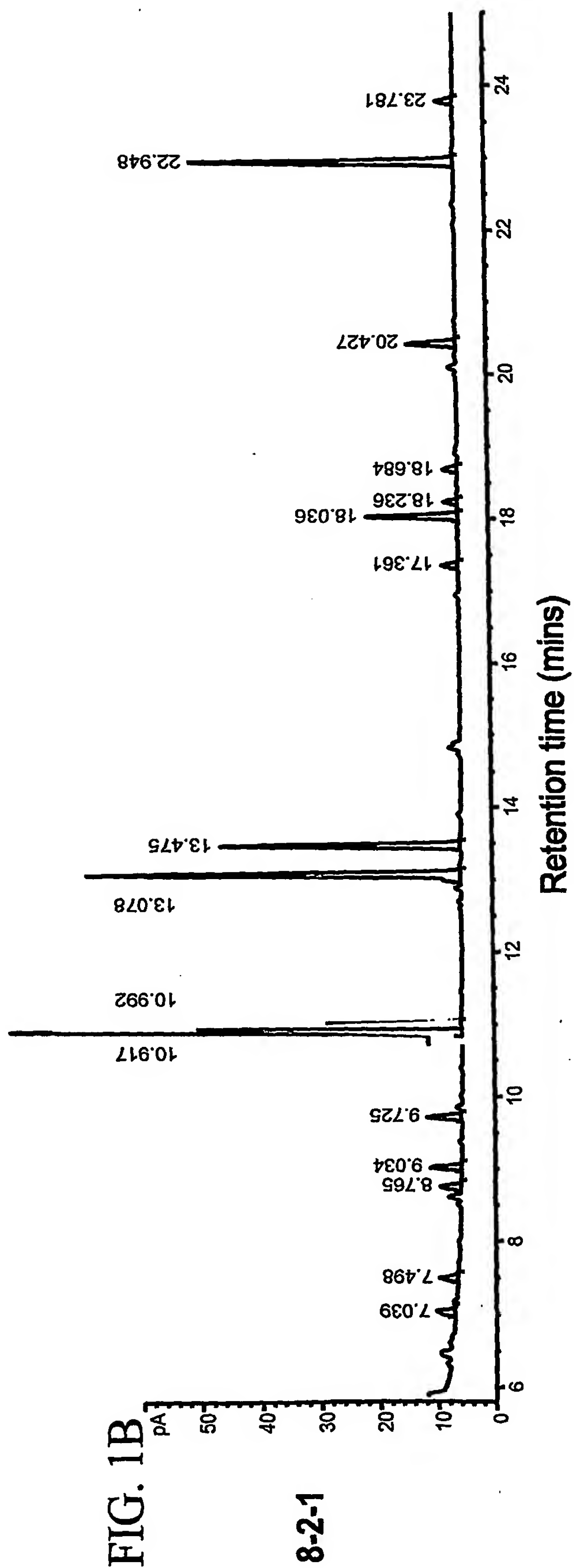
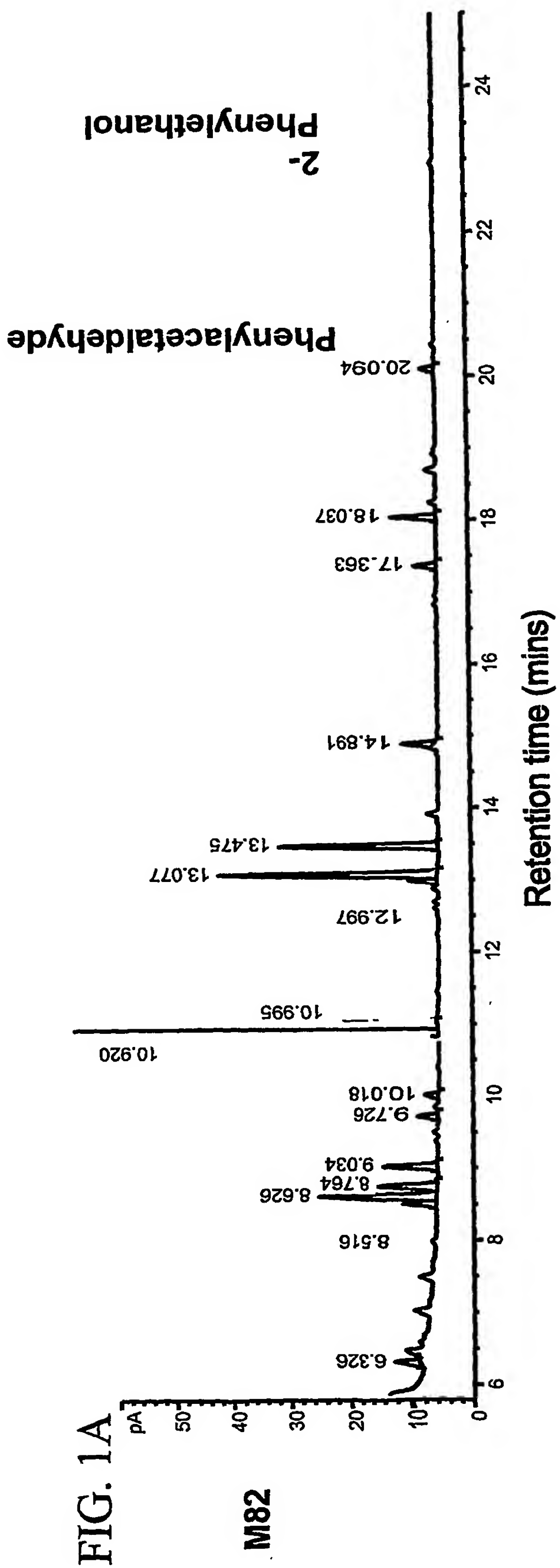


1/25



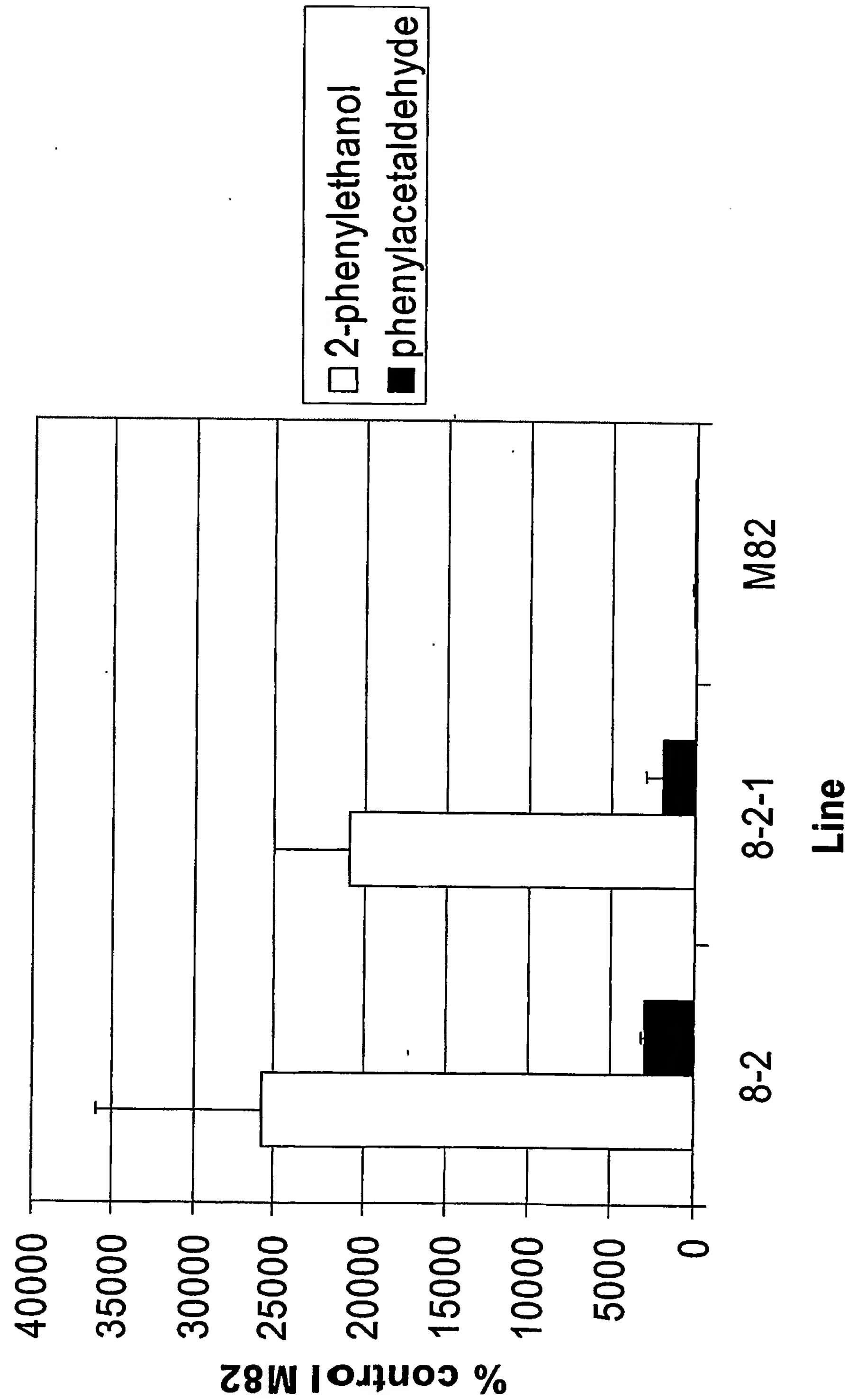


FIG. 2

1 GCCCTTCTAA TACGACTCAC TATAGGGCAA GCAGTGGTAA CAACGCAGAG
51 TACGCGGGG AAGGATAATC TCTCAAATAA CTTTCTTTT TTTTCCCTATC
101 AATTC'TTTAT ACCAAAATAA TATTATTGTT TTTTCTCCT CTGTTTCTGC
151 TTCGTATTTT TGCTGAGAGA AATGAGTGTG ACAGCGAAAA CAGTGTGTGT
201 AACAGGAGCT TCAGGTTACA TAGCTTCATG GCTAGTCAAA TTC'TTGCTAC
251 ATAGTGGTTA CAATGTGAAG GCTTCTGTTT GTGATCCAAA TGATCCCAAG
301 AAAACGCAGC ACTTGCTTTC TCTTGGTGGG GCCAAGGAGA GGCTTCACIT
351 GTTCAAAGCA AACCTATTAG AAGAAGGTTT ATTGATGCT GTAGTTGATG
401 GATGTGAAGG TGTATTTCCAT ACAGCGTCTC CTTT'TTACTA CTCTGTTACA
451 GACCCACAGG CTGAATTACT TGATCCTGCT GTTAAAGGAA CACTCAATCT
501 TCTCGGGTCA TGTGCCAAAG CACCATCAGT AAAACGAGTT GTTTTAAACGT
551 CTTCCATAGC TGCAGTTGCT TACAGTGGTC AGCCTCGGAC ACCTGAGGTT
601 GTGGTTGATG AGAGCTGGTG GACCAGTCCA GACTACTGCA AAGAAAAACA
651 GCTCTGGTAT GTCCCTCTCA AGACATTGGC TGAGGATGCT GCGTGGAGT
701 TTGTGAAGGA GAAAGGCATT GATATGGTTG TAGTAAACCC TGCTATGGTT
751 ATTGGTCCTC TGTTACAGCC TACACTTAAT ACCAGTCTG CTGCAGTCTT
801 GAGCTTGGTA AATGGTGCTG AGACATACCC AAATTCCCTT TTTGGGTGGG
851 TTAACGTGAA AGATGTTGCA AATGCACATA TTC'TTGCAAT TGAGAACCCCT
901 TCAGCTAATG GGAGATACTT AATGGTTGAG AGGTTGCAC ACTATTCTGA
951 TATATTGAAG ATATTGCGTG ACCTTTATCC TACTATGCAA CTTCAGAAA
1001 AGTGTGCTGA TGACAAACCA TTGATGCAA ATTATCAAGT ATCAAAGGAG
1051 AAGGCAAAA GCTTGGGTAT TGAGTTTACT ACCCTTGAAG AAAGCATCAA
1101 AGAAACTGTT GAAAGTTTGA AGGAAAAGAA GTTTT'TTGA GTTTCATCTT
1151 CTATGTAAAA GGCTTCTCAA AGCTTTTATG GTTTTGTGA ACAATACTAC
1201 CCACCCACC CTACCCTACA CACTTTT'TT TTTTACTTCT TTTAGCTAAT
1251 TATAGAATCA AGAAGTCGAA TGGTATATCC GTTAATAAAT TTCGATCAGA
1301 TGAGGTTGAA ATTTGTTCTA TATCTAGAGA TTTT'TACAGA CTGTTTGTAT
1351 AGAAAAAAA AAAAAA (SEQ ID NO: 1)

FIG. 3A

1 MSVTAKTVCV TGASGYIASW LVKFLHSGY NVKASVRDPN DPKKTOHLLS
51 LGGAKERLHL FKANLLEEGS FDAVVDGCEG VFHTASPFYY SVTDPQAEEL
101 DPAVKGTLLN LGSCAKAPSV KRVVLTSSIA AVAYSGQPRT PEVVDESWW
151 TSPDYCKEKQ LWYVLSKTLA EDAAWKFEKE KGIDMVVNP AMVIGPLLQP
201 TLNTSSAAVL SLVNGAETYP NSSFGWNVK DVANAHLAF ENPSANGRYL
251 MVERVAHYSD ILKILRDLYP TMLPEKCAD DNPLMONYQV SKEKAKSLGI
301 EFTTLEESIK ETVESLKEKK FFGGSSM (SEQ ID NO: 2)

FIG. 3B

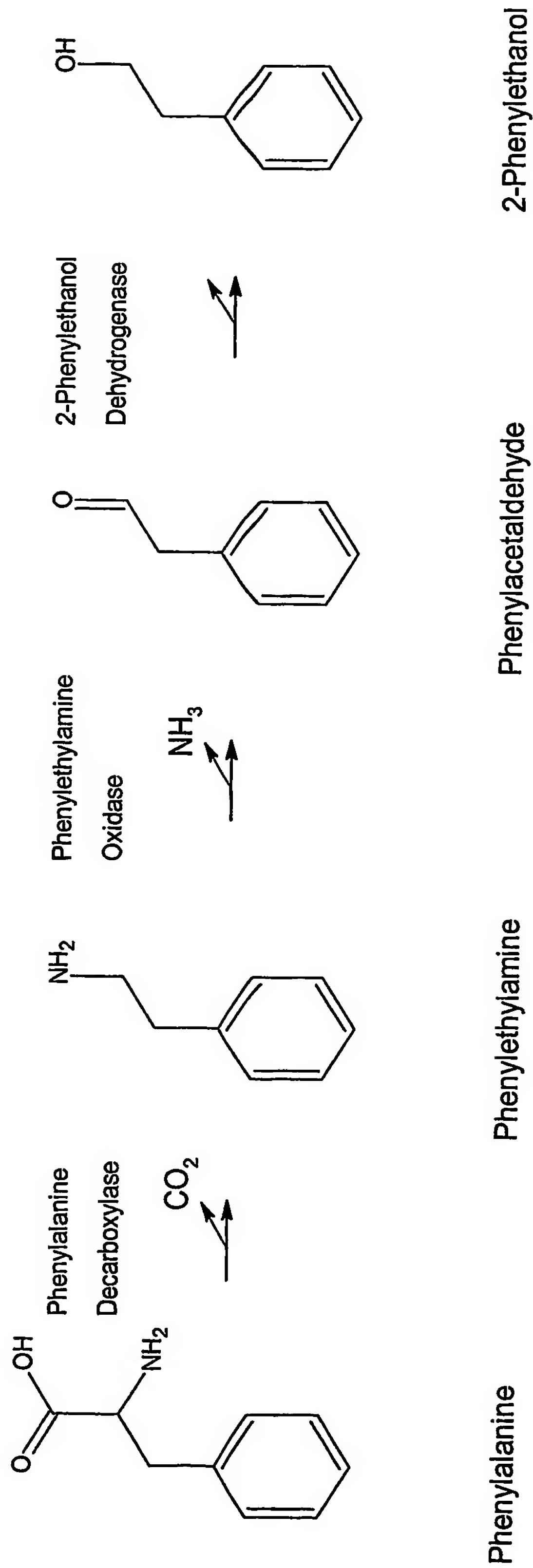


FIG. 4

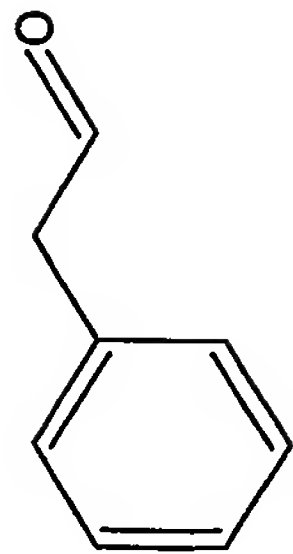


FIG. 5A-1

Phenylacetaldehyde

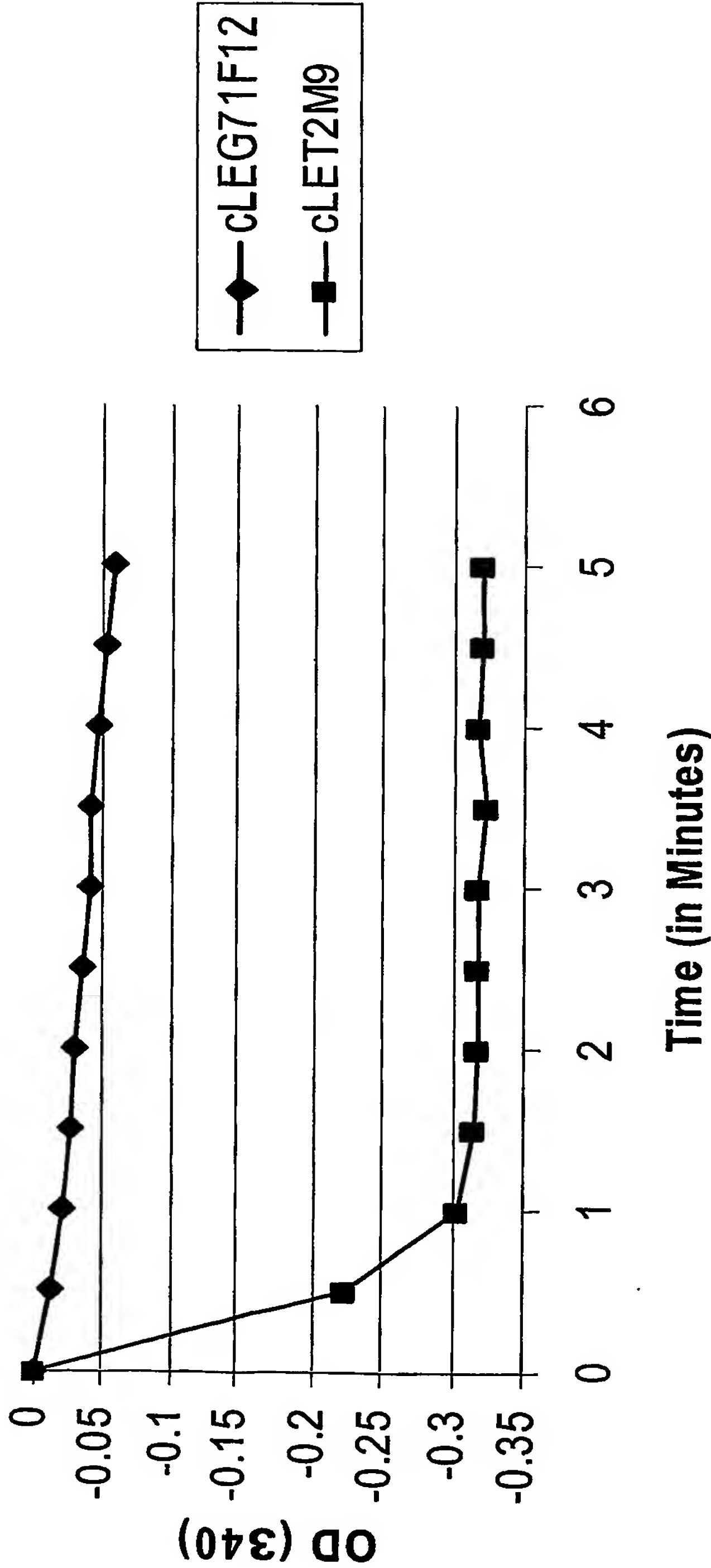


FIG. 5A

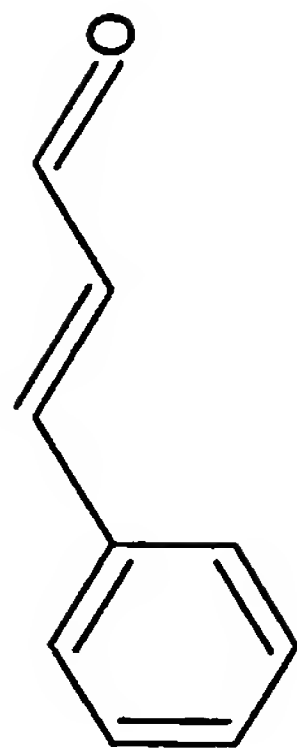


FIG. 5B-1

Cinnamaldehyde

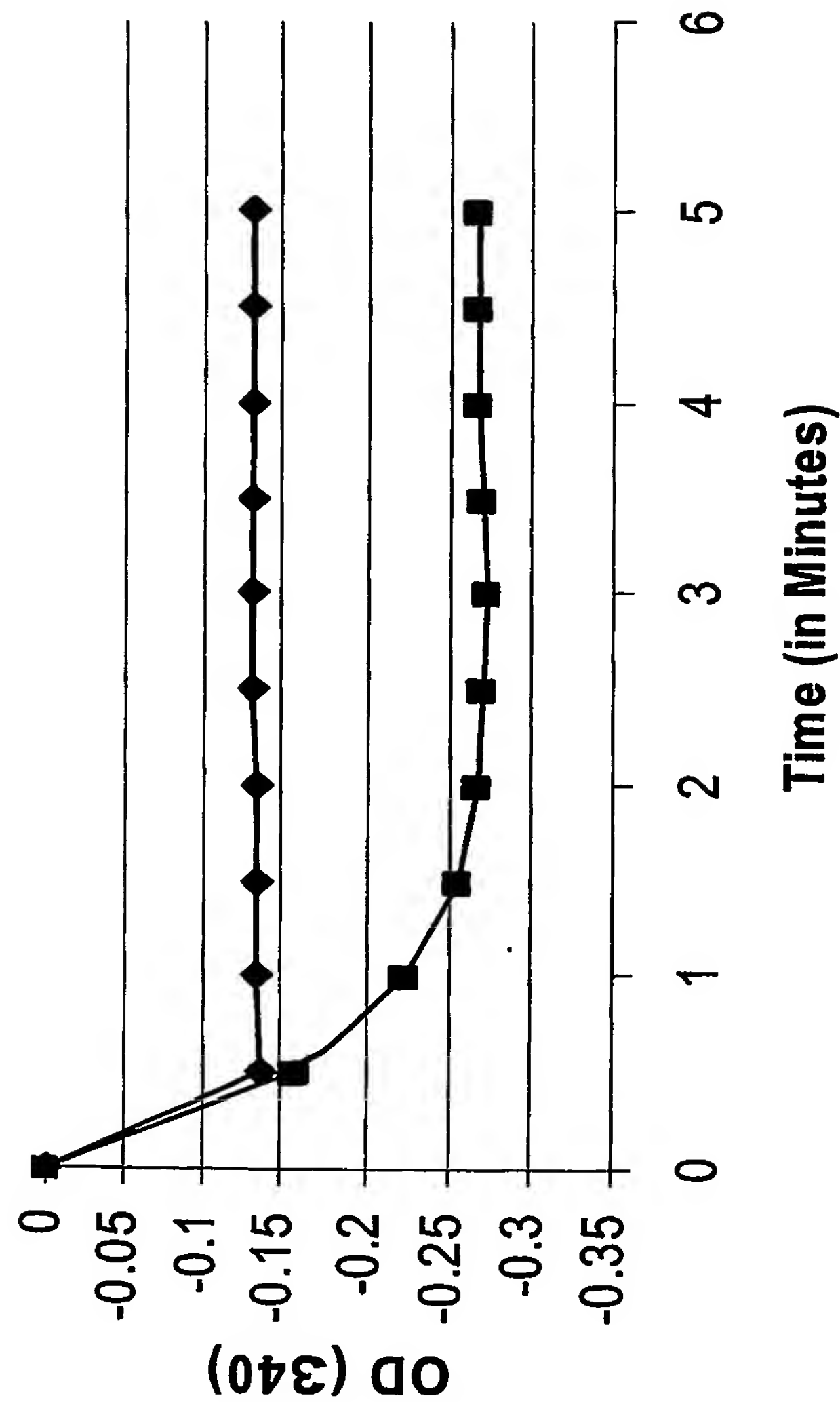


FIG. 5B

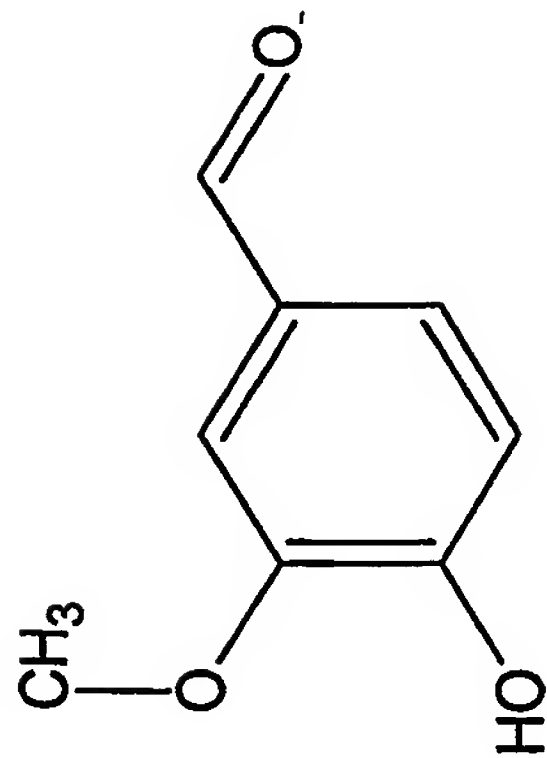


FIG. 5C-1

Vanillin

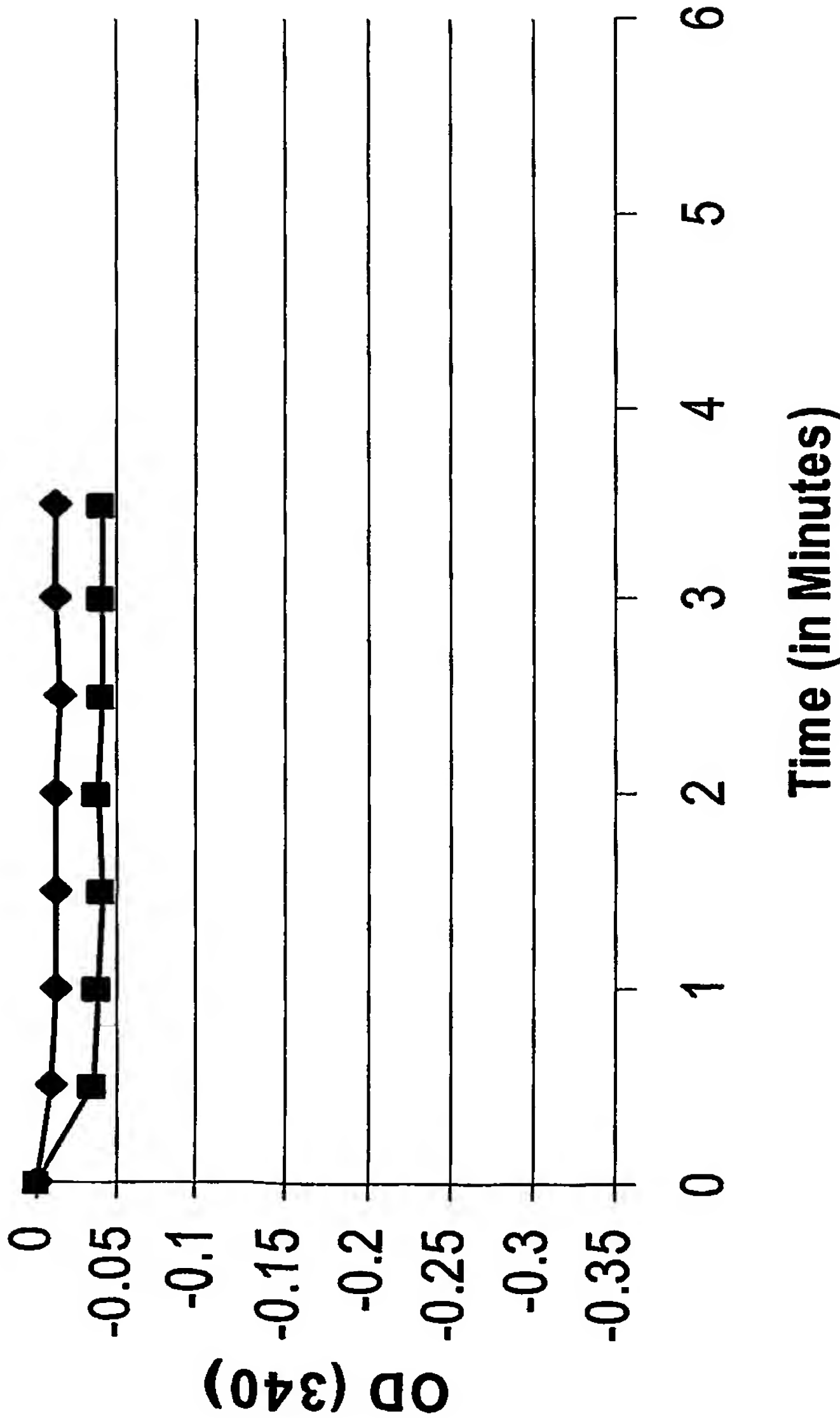


FIG. 5C

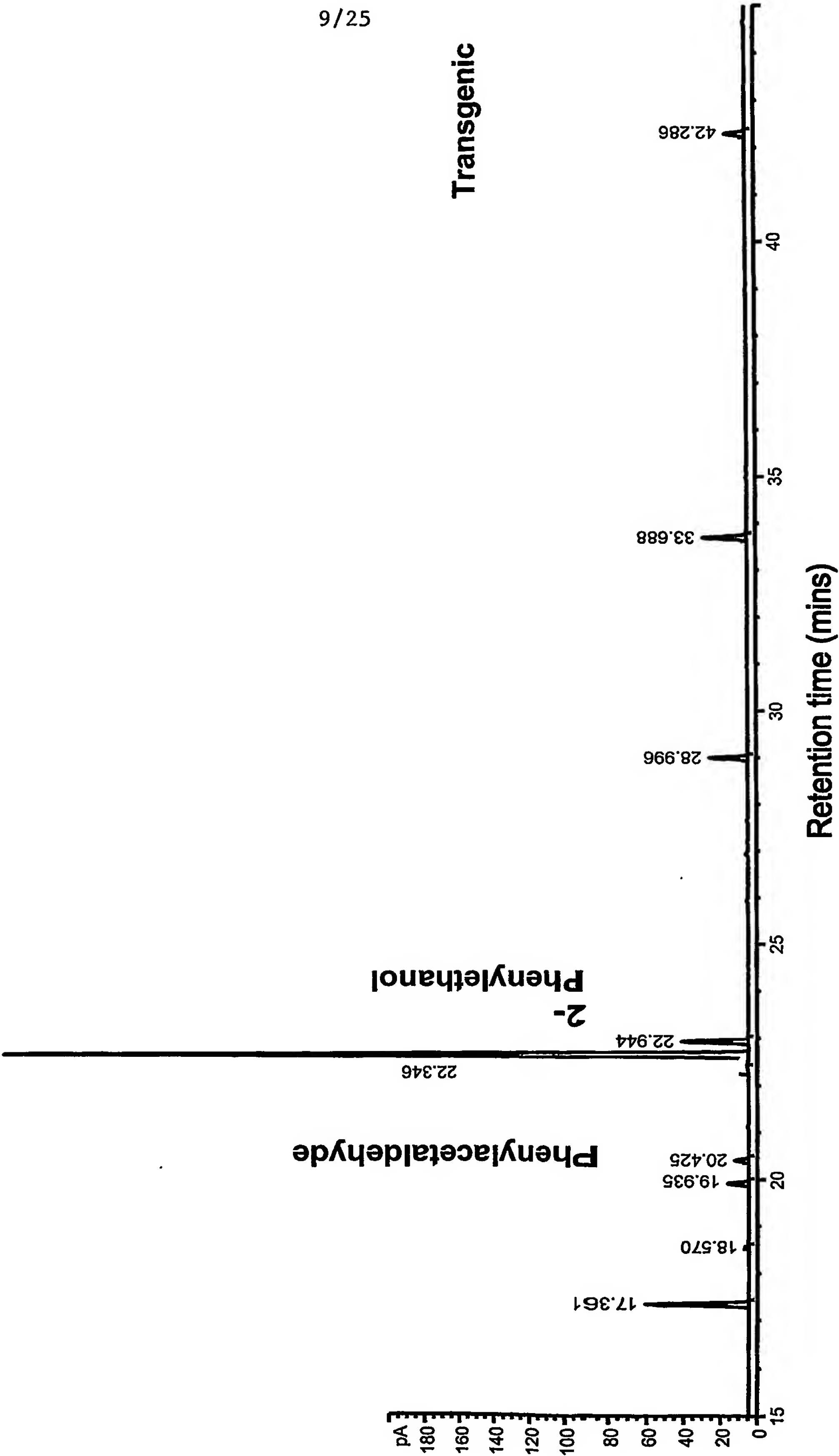


FIG. 6A

10/25

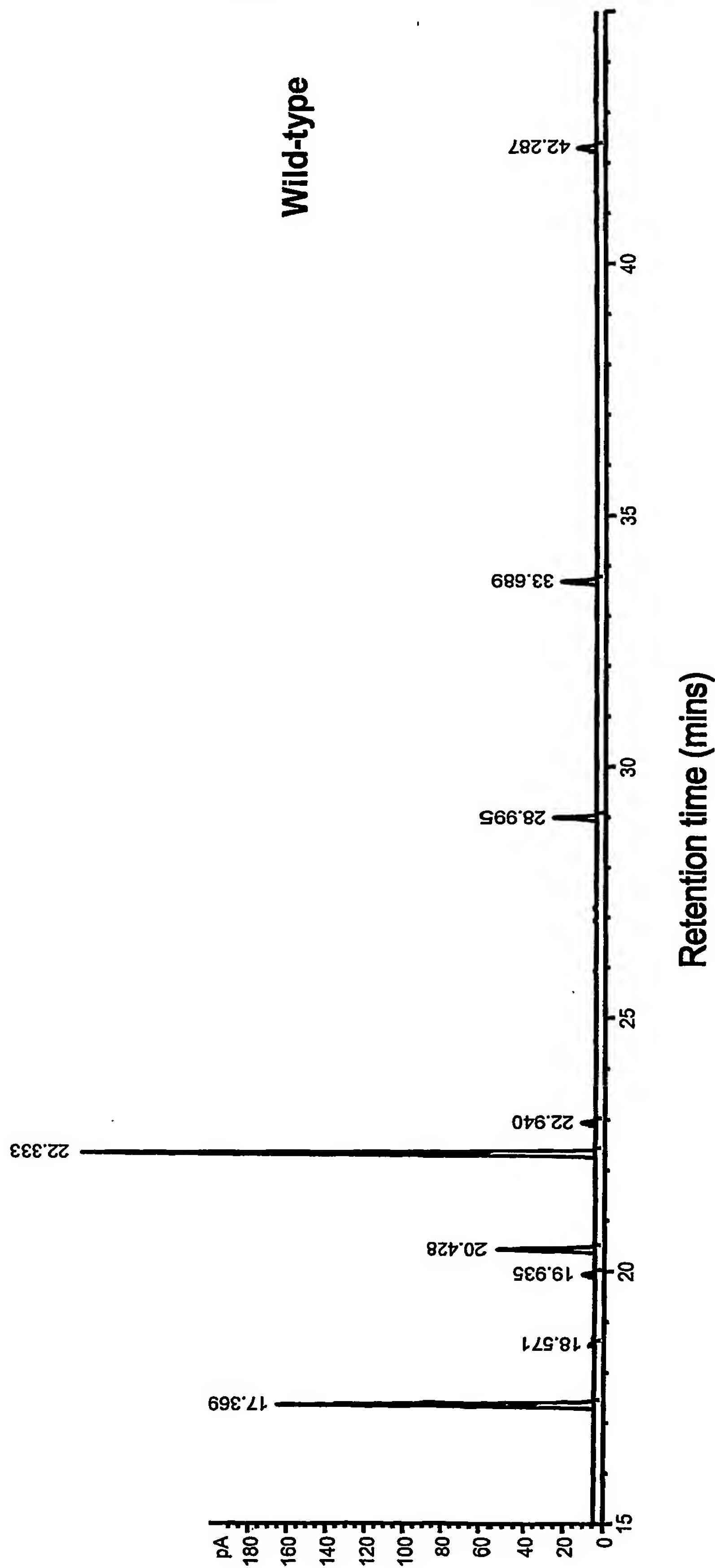
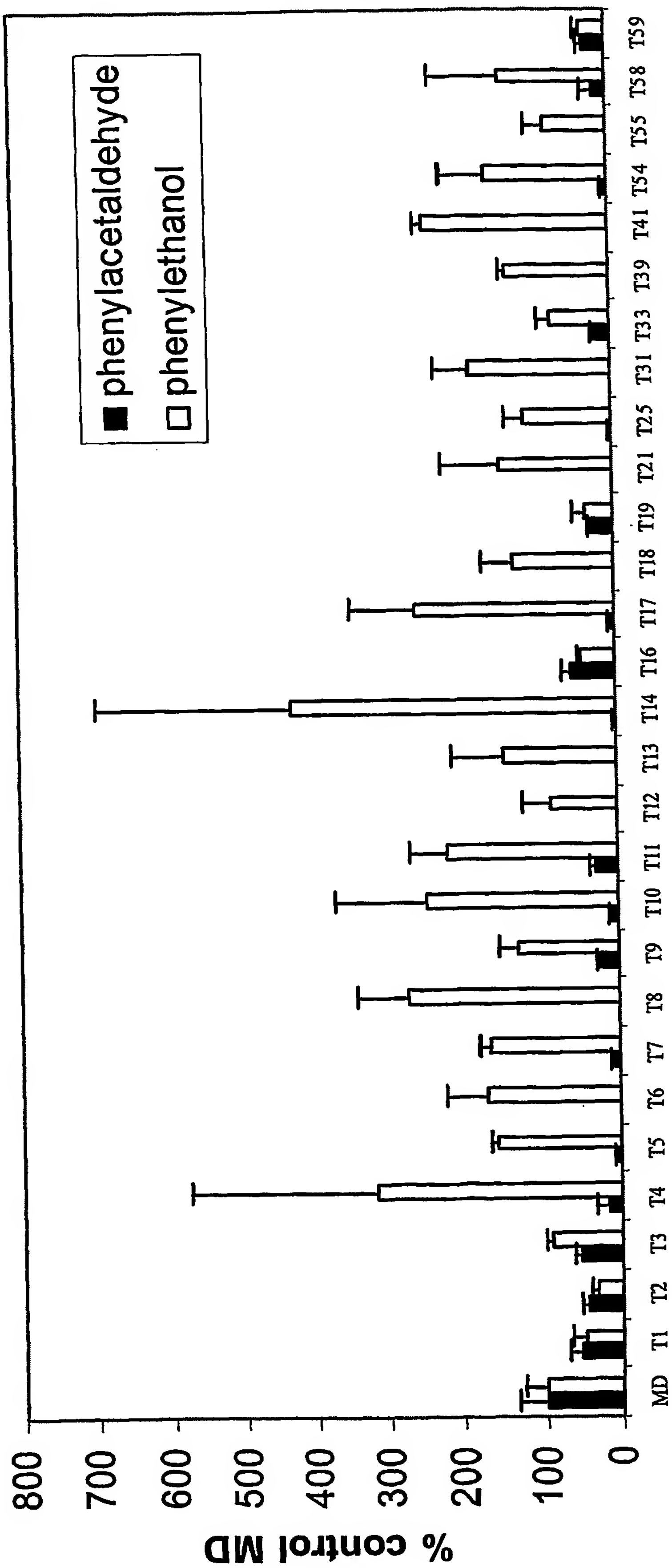


FIG. 6B

11/25



Line

FIG. 7

1 ATGGGAAGTT TATCATTTGA GAAGGATTTT GAGCCATCAG CAATTACTCC
51 AAGAGGATTA GCACCACCTG GATTAATTGT AAATGGTGAT TTTGGTGAAA
101 TGATGAGACT TAAGGTGTCA TCAACACCAA CAACACCAAG AAAAAACTTG
151 AATCTTTCAG TGACGGAGCC AGGAAAAAAT GATGGACCTA GTTTGGATTG
201 TACATTGATG AATTATATTG ATACACTCAC CCAACGTATC AACATATCATA
251 TCGGTTATCC AGTTAACATA TGTTATGAGC ACTATGCTAA TTTAGCCCCA
301 CTTTTTACAAT TTCATTTAAA TAATTGTGGT GATCCATTTC TTCAAAAATAC
351 TGTGGATTTT CATTCAAAGG ATTTTGAAGT GGCTGTTTTA AATTGGTTTG
401 CTGATTTATG GGAATTTGAA AGAGATCAAT ATTGGGGCTA TGTAACAAAT
451 GGTGGTACTG AAGGAAATTT ACATGGCATT TTGGTTGGGA GAGAAATTGTT
501 TCCAGATGGA ATTTTATATG CATCAAAAAGA CTCTCATTAC TCAGTGGCTA
551 AGGCAGCAAT GATGTATAGA ATGGATTTTG AAAATATTAA CGCATCAATA
601 AATGGAGAAA TCGATTATTC TGATTTGAAA GTTAAATTAC TTCAAAAACAA
651 GGGAAAACCA GCGATAATTA ATGTTACAAT TGGCACTACT TTTAAAGGAG
701 CTGTTGATGA TCTTGATGTT ATTCTTCAAA TACTTGAAGA GTGTGGTTAC
751 ACACGAGATC AATTTTATAT TCATTGTGAT GCAGCACTAA ATGGACTTAT
801 TATTCCCTTT ATTAAAAATA TGATTACTTT CAAGAAGCCA ATTGGAAGTG
851 TGACAAATTTC TGGTCACAAG TTTTGTGGAT GTCCAATGCC TTGTGGAGTT
901 CAAATAACAA GGAAAAGTTA CATTAAATAC CTTTCGAGAA GAGTCGAATA
951 TATTGCTTCT GTGGATGCTA CAATTCTCGG AAGTCGAAAT GGTTTGACTC
1001 CGATCTTCTT ATGGTACAGT ATAACTGCTA AAGTCAAAAT TGGTTTTCAG
1051 AAAGACGTTA AGAGATGTTT TGACAATGCT AAGTACTTGA AAGACCGTCT
1101 TCAGCAAGCA GGAATCAGCG TCATGCTGAA TGAGCTTAGC ATCATAGTTG
1151 TCCTCGAGAG GCCTCGTGAC CATGAATTCTG TTCGTCGTTG GCAATTATCT
1201 TGTGTGAGAG ATATGGCACA TGTATTGTT ATGCCAGGCA TAACTAGAGA
1251 AACTCTTGAT GGTTTTATTA ATGATTTGCT TCAACAAAGG AAAAAATGGT
1301 ATCAAGATGG AAGAATTAGC CCTCCTTGTG TTGCAAAATGA TATTGGTGCT
1351 CAAAATTGTG CTTGCTCTTA TCATAAAATT GATTACATTA TTGCTTAG (SEQ ID NO: 4)

FIG. 8A

1 MGSLSEKDF EPSAITPRGL APPGLIVNGD FGEMRLKVS STPTTPRKNL
51 NLSVTEPGKN DGPSLDCTLM NYIDTLTQRI NYHIGYPVNI CYEHYANLAP
101 LLQFHLNCG DPFLQNTVDF HSKDFEVAVL NWFADLWEIE RDQYWGYYVTN
151 GTEGNLHGI LVGRELFDPDG ILYASKDSHY SVAKAAMMYR MDFENINASI
201 NGEIDYSDLK VKLLQNKGKP AIINVTIGTT FKGAVDDLDV ILQILEECGY
251 TRDQFYIHCD AALNGLIIPF IKNMITFKKP IGSVTISGHK FLGCPMPCGV
301 QITRKSYYNN LSRRVEYIAS VDATISGSRN GLTPIFLWYS ISAKGQIGFQ
351 KDVKRCFDNA KYLKDRLLQQA GISVMLNELS IIVVLERPRD HEFVRRWQLS
401 CVRDMAHVIV MPGITRETLD GFINDLLQQR KKWYQDGRIS PPCVANDIGA
451 QNCACSYHKI DYIIA (SEQ ID NO: 5)

FIG. 8B

1 ATGGGTAGTC TCTCACTTGA AATGGATTTT GAGCCATCAC CCATGACACC
51 CAGAAAGTTTA GCAGCGATGA CACCTAGAAG TTTAGCGCGA CGACGATTGT
101 TTCCGAAACGT GGACAACAAG AACAGAAAAA TGGCACAACC AGGTGCAGGA
151 CCAAGGAAGA ACTTGGAAC TGAAGTCAAT GAGCCTGCAT TGAAGAAATGA
201 TGGTCCTTCT TTGGACACTA TCTTGGTTAA TTATTTGGAC ACACCTTACAC
251 AACGAGTCAA TTATCATTTA GGTATCCAG TCAACATATG TTATGATCAC
301 TATGCAACGC TAGCACCACT TTTGCAGTTT CACCTAAACA ATTGTGGTGA
351 TCCTTTCCCTA CAAAATACTG TCGATTTCCA TTCTAAAGAC TTTGAAAGTGG
401 CTGTTTTTGAA TTGGTTTGCA AAACTTTGGG AAATTGAAAA GGATCAATAT
451 TGGGGATATG TTACCAATGG TGGCACCGAA GGCAATCTCC ATGGTATTTT
501 GTTAGGGAGA GAGCTACTTC CTGAAGGAAT ATTATATGCA TCAAAAAGACT
551 CTCATTACTC AGTATTCAAA GCTGCAAGAA TGTATAGAAAT GGATTCAGAA
601 ACAATCAACA CATCAGTAAA TGGAGAGATG GATTATTCAG ATTTAAGAGC
651 AAAGTTACTT CAAAATAAGG ATAAACCAGC TATTATAAAT GTCACAATIG
701 GAACTACATT CAAAGGAGCA ATCGATGACC TGGATGTTAT TCTTGAAATA
751 CTCAAAAGAA GTGGCTATT CACAAGATCGA TTTTACATTC ACTGTGATGC
801 AGCACTATGT GGTCTTATGA CCCCTTTTAT AAACAATATG ATTAGTTTCA
851 AGAAGCCAAT TGGAAAGTGC ACAATTTCTG GACACAAGTT TTTGGGATGT
901 CCAATGCCTT GTGGTGTC CAATAACAAGA AAAAGCTACA TCAATAATCT
951 CTCACAACAAT GTGGAATACA TTGCTTCTGT GGATGCCACT ATTTCTGGTA
1001 GCCGTAACGG TTTAACTCCA ATTTTCTTAT CGTATAGCTT GAGCGCAAAA
1051 GGTCAAAGTTG GACTTCAAAA GGATGTTAAA AGATGCTCTG ACAATGCCAA
1101 ATATTTGAAA GATCGTCTTC AACAAAGCAGG GATAAGTGTC ATGCTGAATG
1151 AGCTAAGCAT CATAGTTGTA CTTGAAAGGC CTCGTGACCA TGAATTTGTG
1201 CGTCGTTGGC AACTCTCATG CGTCAAGGAT ATGGCACATG TTATTTGTGAT
1251 GCCAGGAATC ACACGAGAAA TGCTTGACAA CTTTCATGAGT GAATTAGTGC
1301 AACAAAGAAA AGTATGGTAT CAAAATGGAA AGACTGATCC TCCTTGTGTT
1351 GGAGAGGATA TTGGTGCTCA AAATTGTGCA TGCTCTTATC ATAAGATTGA
1401 CTACATCTGT CCTAG (SEQ ID NO: 6)

FIG. 9A

15/25

1 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVDNK KQKMAQPGAG
51 PRKNLELEV M EPALKNDGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
101 YATLAPLLQF HLNCCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKDQY
151 WGYVTNGGTE GNLHGILLGR ELLPEGILYA SKDSHYSVFK AARMYRMDSE
201 TINTSVNGEM DYSDLRALL QNKDKPAIIN VTIGTTFKGA IDDLDVILEI
251 LKECGYSQDR FYIHCDAAALC GLMTPFINNM ISFKKPIGSV TISGHKFLGC
301 PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
351 GQVGLQKDVK RCLDNAKYLK DRLQQAGISV MLNELSIIVV LERPRDHEFV
401 RRWQLSCVKD MAHVIVMPGI TREMLDNFMS ELVQQRKVWY QNGKTDPPCV
451 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 7)

FIG. 9B

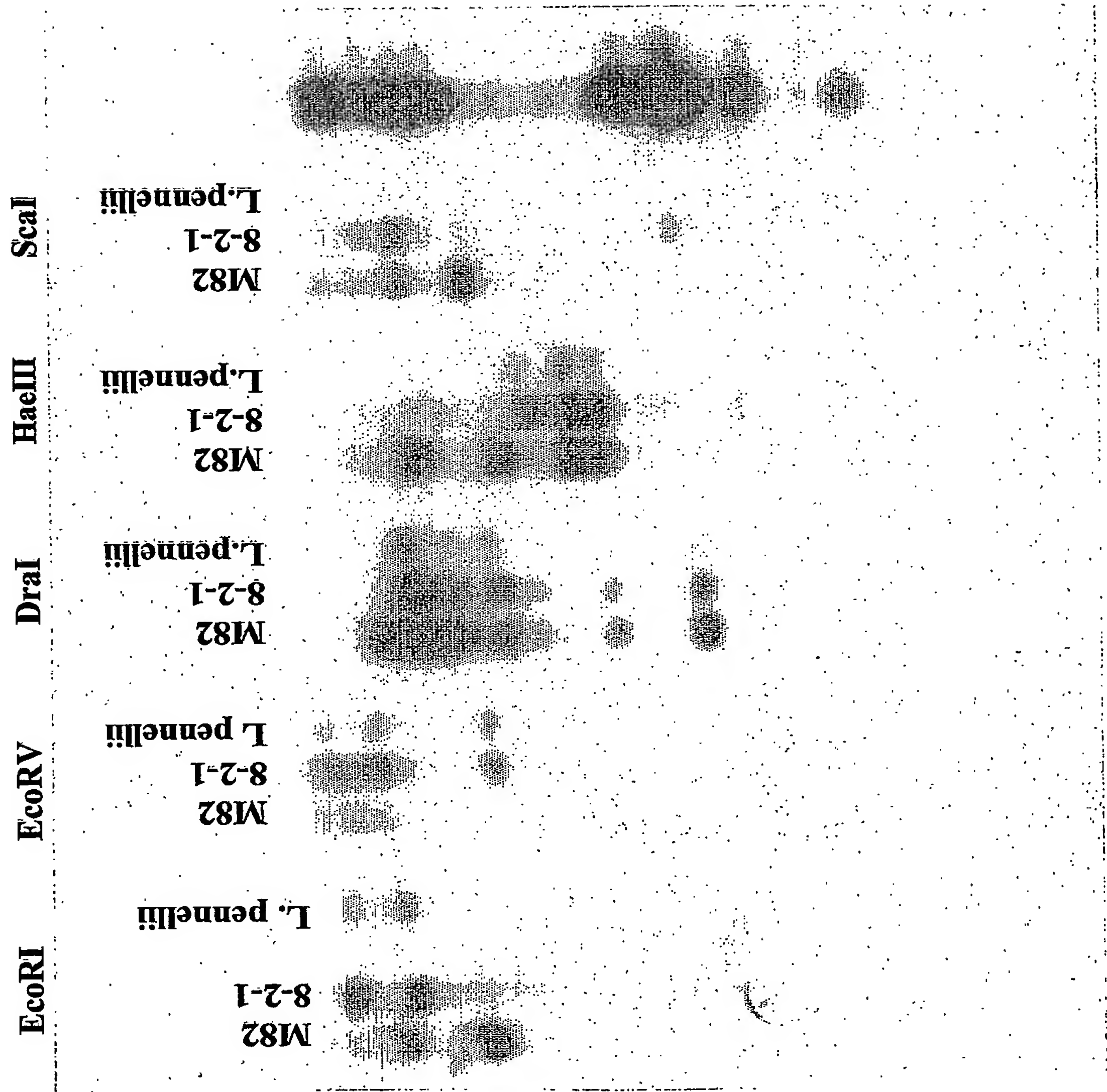


FIG. 10

1 ATGGGTTAGTC TCTCACTTGA AATGGATTTT GAGCCATCAC CTATGACACC
51 CAGAAAGTTTA GCAGCGATGA CACCTAGAAG TTTAGCGCGG CGAAGATTGT
101 TTCCCAATGT GGACAACAAA AAACAATAAGG TGCAACAATC AGGTGCAGGG
151 CCAAGGAAGA ACTTACAAC TGAAGTCAAT GAACCTGCAT TGAACAATGC
201 TGGTCCCTCT TTGGACACTA TATTGGTCAA TTATTTAGAC AACTTACAC
251 AACGAGTCAA TTATCATTTA GGTATATCCAG TCAACATTTG TTATGATCAC
301 TATGCAACTT TAGCACCACT TTTACAGTTT CACCTAAACA ATTGTGGTGA
351 TCCTTTCCCTA CAAAACACTG TCGATTTCCA TTCTAAAGAC TTTGAAGTGG
401 CTGTTTTTGAA TTGGTTTGCA AAACATATGGG AAATTGAAAA GGATCAATAC
451 TGGGGATATG TTACCAATGG TGGCACCGAA GGCAATCTCC ATGGTATTTT
501 GTTAGGGAGA GAGCTACTTC CTGATGGAAT ATTATATGCG TCAAAAAGACT
551 CTCACTATTC GGTCTTCAAA GCTGCAAGAA TGTATAGAAAT GGATTCAGAA
601 ACAATCAACA CATCAGTAAA CGGAGAGATG GATTATTGAG ATTTAAGAGC
651 AAAGTTACTT CAAAATAAGG ATAAACCAGC TATTATAAAT GTCACAATTG
701 GAACCTACGTT CAAAGGAGCA ATCGATGACC TGGATGTTAT TCTTGAAACA
751 CTCAAAAGAA GTGGCTATTC GCAAGATAGG TTTTACATCC ACTGTGATGC
801 TGCACATATG GGTCTTATGA CCCCTTTTAT AAACAATATG ATTAGTTTCA
851 AGAAGCCCAAT TGGAGTGTC ACAATTTCTG GACACAAGTT TTTGGGATGT
901 CCAATGCCCT GTGGTGTCCA AATTACAAGA AAGAGTTACA TCAATAATCT
951 CTCACAACAA GTGGAATACA TTGCTTCTGT CGATGCCACT ATTTCTGGCA
1001 GCCGTAACGG TTTAACTCCA ATTTTCTTGT GGTATAGCTT GAGCGCAAAA
1051 GGTCAAGTTG GACTTCAAAA GGATGTTAAA AGATGTCTCG ACAATGCCAA
1101 ATATTTGAAA GATCGTCTTC AAAAAGCAGG AATAAGTGTC ATGTTAAATG
1151 AGCTTAGCAT CATAGTTGTA CTTGAAAGGC CTCGTGACCA TGAATTTGTC
1201 CGTCGTTGGC AACTCTCATG CGTCAAGGAT ATGGCACATG TTATTGTAAT
1251 GCCAGGCATC ACACGAGAAA TGCTTGACAA TTTCACGAGT GAATTAGTGC
1301 AACAAAGAAA AGTATGGTAT CAAAATGGAC AGACCAATCC TCCTTGTGTT
1351 GGAGAGGATA TTGGTGCTCA AAATTGTGCA TGCTCTTATC ATAAGATTGA
1401 CTACATCTGT CCTTAG (SEQ ID NO: 8)

FIG. 11A

1 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVDNK KQKVQQSGAG
51 PRKNLQLEVM EPALNNAGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
101 YATLAPLLQF HLNCCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKDQY
151 WGYVTNGGTE GNLHGILLGR ELLPDGILYA SKDSHYSVFK AARMYRMDSE
201 TINTSVNGEM DYSDLRAKLL QNKDKPAIIN VTIGTTFKGA IDDDLVDILET
251 LKECGYSQDR FYIHCDAALC GLMTPFINNM ISFKKPIGSV TISGHKFLGC
301 PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
351 GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIV LERPRDHEFV
401 RRWQLSCVKD MAHVIVMPGI TREMLDNFTS ELVQQRKVWY QNGQTNPPCV
451 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 9)

FIG. 11B

1

50

Lp-cLEC73K23 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVDNK KQKVQQSGAG
Le-cLEC73K23 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVDNK KQKMAQPGAG
Le-cLEC75E21 MGSLSFEEKDF EPSAITPRGL A...PPGLIV NGDFGEM..M RLKVSSTPTT

51

100

Lp-cLEC73K23 PRKNLQLEVM EPALNNAGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
Le-cLEC73K23 PRKNLELEVVM EPALKNDGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
Le-cLEC75E21 PRKNLNLSVT EPG.KNDGPS LDCTLMNYID TLTQRINYHI GYPVNICYEH

101

150

Lp-cLEC73K23 YATLAPLLQF HLNNCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKDQY
Le-cLEC73K23 YATLAPLLQF HLNNCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKDQY
Le-cLEC75E21 YANLAPLLQF HLNNCGDPFL QNTVDFHSD FEVAVLNWFA DLWEIERDQY

151

200

Lp-cLEC73K23 WGYVTNGGTE GNLHGILLGR ELLPDGILYA SKDSHYSVFK AARMYRMDSE
Le-cLEC73K23 WGYVTNGGTE GNLHGILLGR ELLPEGILYA SKDSHYSVFK AARMYRMDSE
Le-cLEC75E21 WGYVTNGGTE GNLHGILVGR ELFPDGILYA SKDSHYSVAK AAMMYRMDFE

201

250

Lp-cLEC73K23 TINTSVNGEM DYSDLRAKLL QNKDKPAIIN VTIGTFKGA IDDLDVILET
Le-cLEC73K23 TINTSVNGEM DYSDLRAKLL QNKDKPAIIN VTIGTFKGA IDDLDVILEI
Le-cLEC75E21 NINASINGEI DYSDLKVKLL QNKGKPAIIN VTIGTFKGA VDDLVDVILQI

FIG. 12A

251	300
Lp-cLEC73K23	LKECGYSQDR FYIHCDAAALC GLMTPFINNM ISFKKPIGSV TISGHKFLGC
Le-cLEC73K23	LKECGYSQDR FYIHCDAAALC GLMTPFINNM ISFKKPIGSV TISGHKFLGC
Le-cLEC75E21	LEECGYTRDQ FYIHCDAAALN GLIIPFIKMN ITFKKPIGSV TISGHKFLGC
301	350
Lp-cLEC73K23	PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
Le-cLEC73K23	PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
Le-cLEC75E21	PMPCGVQITR KSYINNLSRR VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
351	400
Lp-cLEC73K23	GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIVV LERPRDHEFV
Le-cLEC73K23	GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIVV LERPRDHEFV
Le-cLEC75E21	GQIGFQKDVK RCFDNAKYLK DRLQKAGISV MLNELSIIVV LERPRDHEFV
401	450
Lp-cLEC73K23	RRWQLSCVKD MAHVIVMPGI TREMLDNFTS ELVQQRKVWY QNGQTNPPCV
Le-cLEC73K23	RRWQLSCVKD MAHVIVMPGI TREMLDNFMS ELVQQRKVWY QNGKTDPPCV
Le-cLEC75E21	RRWQLSCVRD MAHVIVMPGI TRETLDGFIN DLLQQRKKWY QDGRISPPCV
451	472
Lp-cLEC73K23	GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 9)
Le-cLEC73K23	GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 7)
Le-cLEC75E21	ANDIGAQNCA CSYHKIDYII A (SEQ ID NO: 5)

FIG. 12B

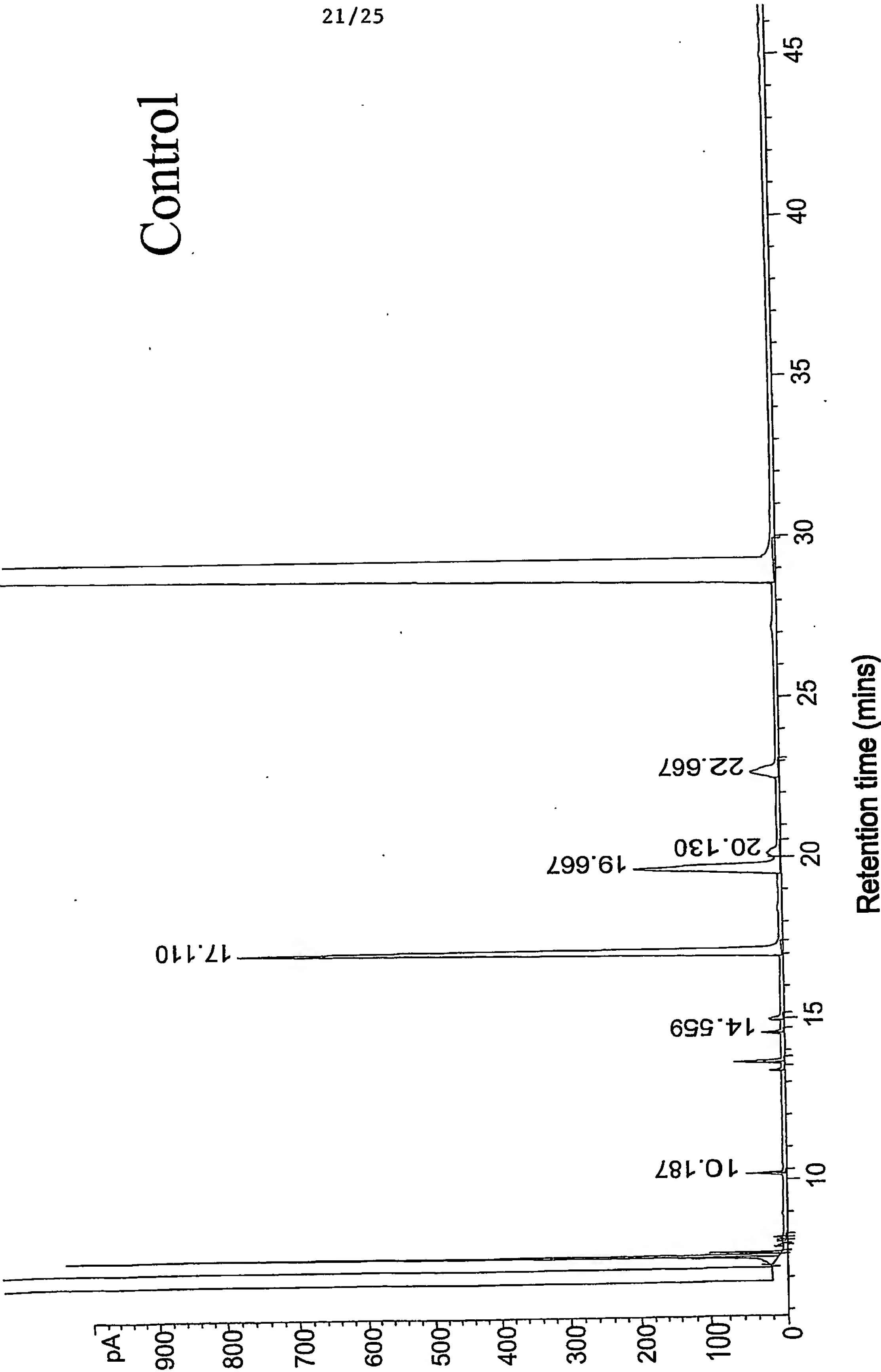


FIG. 13A

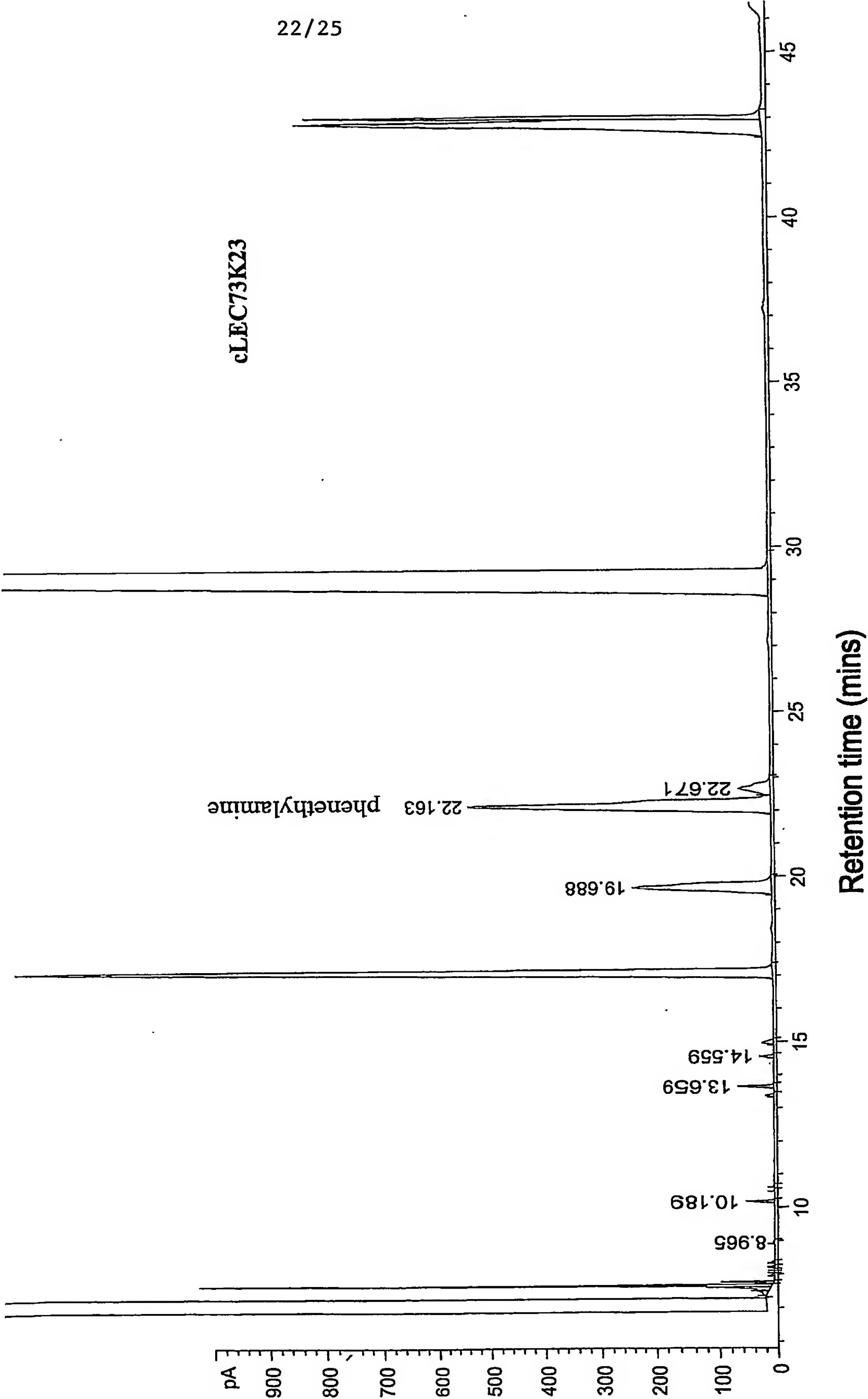


FIG. 13B

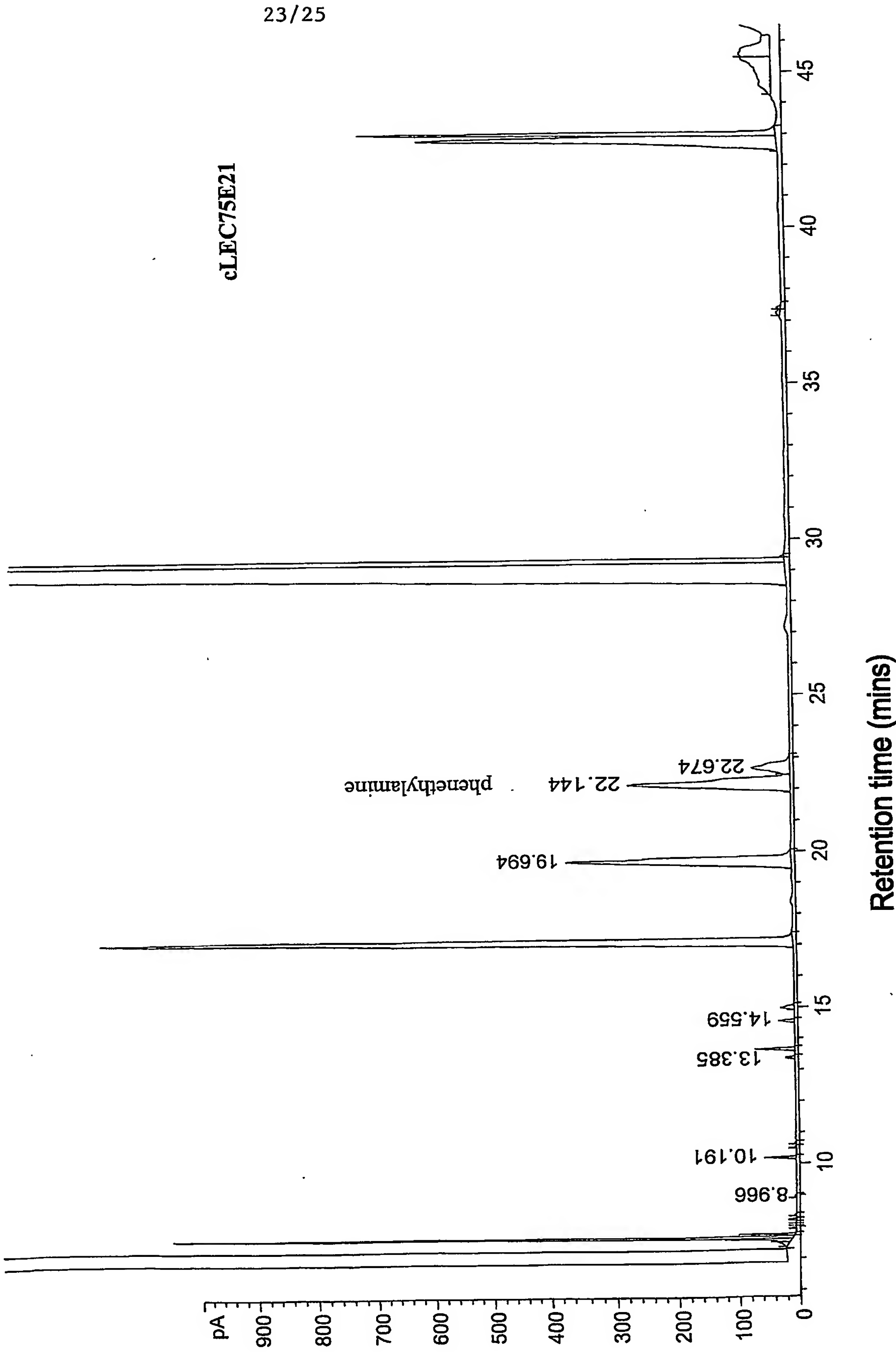


FIG. 13C

1 ATGAGTAGTG TGGCAGCGAC AAAAACAGTA TGTGTAACAG GAGCATCAGG
51 ATACATAGCA TCATGGCTTG TCAATTTCIT GCTTCAACGT GGTACACTG
101 TTAAAGCCTC CGTTCGTGAC CCCAATGATC CCAAGAAAAC ACAGCAATTG
151 ATCTCGTTAG GTGGGGCCAA GGAGAGGCTT CACTTGTTCA AAGCAAACCT
201 TTTAGAAAGAG GGTTCCTTTG ATGCTGTGGT TGATGGATGT GAAGGTGTAT
251 TCCATACAGC ATCACCTTTT TACTACTCTG TTACAGACCC ACAGGCTGAA
301 TTAATTGATC CAGCTGTTAA GGGACACTC AATCTTCTG GTTCATGTGC
351 CAAAGCACCA TCAGTAAAAC GTGTGGTTT AACATCTCC ATAGCTGCAG
401 TTGCTTATAG TGGTGAGCCT CGGACACCTG AGTTGTGGT TGAATGAGAGT
451 TGGTGGACTA GTCCAGACTA CTGCAGAGAA AAGCAGCTCT GGTATGTTCT
501 CTCAAAGACA TTAGCTGAGG ATGCTGCCTG GAAGTTTGTG AAGGAGAAAAG
551 GCATTGATAT GGTGCAATA AATCCTGCTA TGGTTATTGG TCCTTTGTTA
601 CAGCCTACCC TTAATACCAG TTCTGTCTGCA GTCTTGAAC TGGTAAATGG
651 TGCCGAGACA TACCCAAATG CTACCTTTGG GTGGGTTAAT GTCAAAGATG
701 TTGCCAAATGC ACATATTCTT GCATTTGAGA ACCCTTCAGC TAATGGGAGA
751 TATTTGATGG TTGAGAGAGT TGCACACTAT TCTGATATAC TGAAGATATT
801 ACGTGAACTT TATCCTACAA TCGGACTTCC AGAAAAGTGT CCTGATGACA
851 ATCCATTGAT GCAAAACCTAT CAAGTATCAA AAGAAAGGGC AAAAAGCTTG
901 GGCGTTGAAT TTACTCCCCC TGAAGAAAGC ATCAAAGAAA CTGTTGAAAG
951 CTTGAAGGAA AAGAAGTTT TTTGGAGGCTC ATCTGCTATG TGA (SEQ ID NO: 10)

FIG. 14A

25/25

1 MSSVAATKTV CVTGASGYIA SWLVNELLQR GYTVKASVRD PNDPKKTQHL
51 ISLGGAKERL HLFKANLLEE GSFDAVVDGC EGVFHTASPF YYSVTDPQAE
101 LLDPAVKGTL NLLGSCAKAP SVKRVVLTSS IAAVAYSSEP RTPEVVVDES
151 WWTSPDYCRE KQLWYVLSKT LAEDAANKFV KEGIDMVAI NPAMVIGPLL
201 OPTLNTSSAA VLNLVNGAET YPNATFGWVN VKDVANAHIL AFENPSANGR
251 YLMVERVAHY SDILKILREL YPTMRLPEKC ADDNPLMQNY QVSKERAKSL
301 GVEFTPLEES IKETVESLKE KKFFGGSSAM (SEQ ID NO: 11)

FIG. 14B